



TECHNICAL SHEET

PETOL[®] 400-3

POLYETHER POLYOL

Last revision 2018

Chemical Name: Polyether – Polyol
Abbreviation: Petol 400-3

General Description:

PETOL 400-3 is a polyoxypropylene triol, 420-average molecular weight, with low viscosity, and is used in polyol blends for rigid polyurethane foam applications. If blended with other PETOL polyols, it can vary physical and mechanical characteristics of semi-rigid and rigid polyurethane foams.

PETOL 400-3 is also used in the production of adhesives and coatings.

Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	viscous, clear liquid	visual
Hydroxyl number	mg KOH/g	360-400	ASTM D 4274
Acid value(ABT), max	mg KOH/g	0.1	ILL 003/3-23
Viscosity, 25 °C	cP	330-430	ASTM D 4878
Water (Karl-Fischer), max	%	0.08	ASTM E 203

Specific Properties:

Density at 25°C, g/cm ³	1.05
Functionality	3
Ignition temperature, min., °C	200

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.

Main Applications:

- flexibility agent for epoxy resins.
- production of hydraulic fluids, polyurethane elastomers, lubricants.



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Packing and storage:

The product is delivered in stainless steel or coated rail or car tanks, property of supplier or client. Due to its hygroscopic nature, the product is stored in tightly closed containers under nitrogen blanket, in cold, dry, vented areas, far from heat, moisture and inconsistent materials, at temperatures between +20°C and +30°C.

Safety Considerations:

Before handling and using of product, the personnel must be aware of the dangers implied. This information is available in SDS and on the product label.

Attention:

Please contact CHIMCOMPLEX BORZESTI-Ramnicu Valcea Branch to see if the document has been revised and for any other additional information related to the product.

Important:

For a better suitability of the product for your particular purpose, tests are recommended prior product use. You are advised to make your own determination as to safety, appropriate manner of handling, storage, use and disposal. All the information contained in this product technical sheet is offered for your consideration, investigation and verification. The data is presented in good faith and is believed to be reliable. You should not consider the descriptions, information, data or design as a part of our terms and conditions of sale. We expressly disclaim responsibility or liability for any loss, damage or expense arising out of reliance on the information provided herein.



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